



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Martin T. Pearson  
Application No. : 10/017,470  
Filed : December 14, 2001  
For : METHOD AND APPARATUS FOR CONTROLLING VOLTAGE  
FROM A FUEL CELL SYSTEM

Examiner : Gregg Cantelmo  
Art Unit : 1745  
Docket No. : 130109.436  
Date : April 14, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

I hereby certify that no item set forth on the attached form PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge, after making reasonable inquiry, was known to any individual designated in

37 C.F.R. § 1.56(c) more than three months prior to the filing of this Fourth Supplemental Information Disclosure Statement.

Please acknowledge receipt of this Fourth Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicant believes this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

A handwritten signature in black ink, appearing to read 'Frank Abramonte', written over a horizontal line.

Frank Abramonte

Registration No. 38,066

Enclosures:

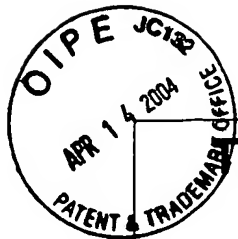
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Form PTO-1449

Cited References (15)

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**TRANSMITTAL  
FORM**(To be used for all correspondence  
after initial filing)

Application Number	10/017,470
Filing Date	December 14, 2001
First Named Inventor	Martin T. Pearson
Art Unit	1745
Examiner Name	Gregg Cantelmo
Attorney Docket No.	130109.436

**ENCLOSURES (check all that apply)**

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449<br><input checked="" type="checkbox"/> Cited References<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Request for Corrected Filing Receipt<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address<br><input type="checkbox"/> Declaration<br><input type="checkbox"/> Statement under 37 CFR 3.73(b)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> CD(s), Number of CD(s) _____<br><input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Additional Enclosure(s) (please identify below):<br>_____<br>_____<br>_____ |
|---|---|--|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Individual Name	Frank Abramonte	Customer Number <b>00500</b>
Signature		
Date	April 14, 2004	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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FORM 1049 (REV. 7-80) APR 14 2004 PATENT & TRADEMARK OFFICE	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 130109.436	APPLICATION NO. 10/017,470
	INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			
	APPLICANT Martin T. Pearson			GROUP ART UNIT 1745
	FILING DATE December 14, 2001			

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,134,124	10/17/00	Jungreis et al.	363	34	
	AB	6,184,593	02/06/01	Jungreis	307	64	
	AC	6,555,989	04/29/03	Pearson	320	101	
	AD	2002/0051898	05/02/02	Moulthrop, JR. et al.	429	17	
	AE	2003/0072977	04/17/03	Speranza et al.	429	9	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AF	WO 01/71885 A1	09/27/01	WIPO		
	AG	WO 02/084670 A1	10/24/02	WIPO		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AH	Warner, S., "Extending the Reliability of DC Power in a Telecommunications Network," in <i>Proceedings of the 15<sup>th</sup> Int'l. Telecommunications Energy Conference</i> , Paris, France, 1993, pp. 83-86.
	AI	Maloney, T., "PEM-Battery: Design, Construction, and Test," <i>Power Computing Solutions, Inc.</i> , NETL Publications 1999 Conference Proceedings.
	AJ	Ertl, H. et al., "A Novel Multi-Cell DC-AC Converter for Applications in Renewable Energy Systems," in <i>Proceedings of the 43<sup>rd</sup> Int'l Power Electronics Conference</i> , June 2001.
	AK	Passive Component Industry, "Large-Can EDLC Capacitors: A Market in the Making," July/August 2001, pp. 7-14.
	AL	Nickerson, J., "Ultracapacitors: Managing Power and Energy," Darnell Group, Inc. 2000.
	AM	Kato, N. et al., "A 1kW Portable Fuel Cell System Based on Polymer Electrolyte Fuel Cells," <i>NTT R and D</i> 48(12):877-881, 1991.
	AN	Apollo 13 Review Board (Cortright Commission), "Report of Apollo 13 Review Board," NASA, pp. i-x; Appendix A, June 15, 1970.
	AO	Key, T., "Fast Response, Load Matching Hybrid Fuel Cell," EPRI PEAC, Quarterly Review Meeting, July 27, 2001.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).